## **CLAIMS:**

## 1. A compound of the formula I:

5

10

**(I)** 

wherein:

ring C is an 8, 9, 10, 12 or 13-membered bicyclic or tricyclic moiety which moiety may be saturated or unsaturated, which may be aromatic or non-aromatic, and which optionally may contain 1-3 heteroatoms selected independently from O, N and S;

Z is -O-, -NH- or -S-;

n is 0, 1, 2, 3, 4 or 5;

m is 0, 1, 2 or 3;

R<sup>2</sup> represents hydrogen, hydroxy, halogeno, cyano, nitro, trifluoromethyl, C<sub>1-3</sub>alkyl, C<sub>1</sub>.

- 20 3alkoxy, C<sub>1-3</sub>alkylsulphanyl, -NR<sup>3</sup>R<sup>4</sup> (wherein R<sup>3</sup> and R<sup>4</sup>, which may be the same or different, each represents hydrogen or C<sub>1-3</sub>alkyl), or R<sup>5</sup>X<sup>1</sup>- (wherein X<sup>1</sup> represents a direct bond, -O-, -CH<sub>2</sub>-, -OC(O)-, -C(O)-, -S-, -SO-, -SO<sub>2</sub>-, -NR<sup>6</sup>C(O)-, -C(O)NR<sup>7</sup>-, -SO<sub>2</sub>NR<sup>8</sup>-, -NR<sup>9</sup>SO<sub>2</sub>- or -NR<sup>10</sup>- (wherein R<sup>6</sup>, R<sup>7</sup>, R<sup>8</sup>, R<sup>9</sup> and R<sup>10</sup> each independently represents hydrogen, C<sub>1-3</sub>alkyl or C<sub>1-3</sub>alkoxyC<sub>2-3</sub>alkyl), and R<sup>5</sup> is selected from one of the following twenty-two groups:
- 25 1) hydrogen, oxiranylC<sub>1-4</sub>alkyl or C<sub>1-5</sub>alkyl which may be unsubstituted or which may be substituted with one or more groups selected from hydroxy, fluoro, chloro, bromo and amino;
  2) C<sub>1-5</sub>alkylX<sup>2</sup>C(O)R<sup>11</sup> (wherein X<sup>2</sup> represents -O- or -NR<sup>12</sup>- (in which R<sup>12</sup> represents hydrogen, C<sub>1-3</sub>alkyl or C<sub>1-3</sub>alkoxyC<sub>2-3</sub>alkyl) and R<sup>11</sup> represents C<sub>1-3</sub>alkyl, -NR<sup>13</sup>R<sup>14</sup> or -OR<sup>15</sup> (wherein R<sup>13</sup>, R<sup>14</sup> and R<sup>15</sup> which may be the same or different each represents hydrogen, C<sub>1-3</sub>alkyl or C<sub>1-3</sub>alkyl or C<sub>1-3</sub>alkyl
- 30 5alkyl or C<sub>1-3</sub>alkoxyC<sub>2-3</sub>alkyl));
  - 3)  $C_{1-5}$ alkyl $X^3R^{16}$  (wherein  $X^3$  represents -O-, -S-, -SO-, -SO<sub>2</sub>-, -OC(O)-, -NR<sup>17</sup>C(O)-, -C(O)NR<sup>18</sup>-, -SO<sub>2</sub>NR<sup>19</sup>-, -NR<sup>20</sup>SO<sub>2</sub>- or -NR<sup>21</sup>- (wherein R<sup>17</sup>, R<sup>18</sup>, R<sup>19</sup>, R<sup>20</sup> and R<sup>21</sup> each independently represents hydrogen,  $C_{1-3}$ alkyl or  $C_{1-3}$ alkoxy $C_{2-3}$ alkyl) and  $R^{16}$  represents

- hydrogen, C<sub>1-3</sub>alkyl, cyclopentyl, cyclohexyl or a 5-6-membered saturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which C<sub>1-3</sub>alkyl group may bear 1 or 2 substituents selected from oxo, hydroxy, halogeno and C<sub>1-4</sub>alkoxy and which cyclic group may bear 1 or 2 substituents selected from oxo, hydroxy, halogeno, cyano, C<sub>1-</sub>
- 4cyanoalkyl, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>hydroxyalkyl, C<sub>1-4</sub>alkoxy, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxycarbonyl, C<sub>1-4</sub>aminoalkyl, C<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkyl)amino, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkoxy, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkoxy and a group -(-O-)<sub>1</sub>(C<sub>1-4</sub>alkyl)<sub>g</sub>ringD (wherein f is 0 or 1, g is 0 or 1 and ring D is a 5-6-membered saturated heterocyclic group with 1-2 heteroatoms, selected
- 10 independently from O, S and N, which cyclic group may bear one or more substituents selected from C<sub>1-4</sub>alkyl));
- 4) C<sub>1-5</sub>alkylX<sup>4</sup>C<sub>1-5</sub>alkylX<sup>5</sup>R<sup>22</sup> (wherein X<sup>4</sup> and X<sup>5</sup> which may be the same or different are each -O-, -S-, -SO-, -SO<sub>2</sub>-, -NR<sup>23</sup>C(O)-, -C(O)NR<sup>24</sup>-, -SO<sub>2</sub>NR<sup>25</sup>-, -NR<sup>26</sup>SO<sub>2</sub>- or -NR<sup>27</sup>- (wherein R<sup>23</sup>, R<sup>24</sup>, R<sup>25</sup>, R<sup>26</sup> and R<sup>27</sup> each independently represents hydrogen, C<sub>1-3</sub>alkyl or C<sub>1-3</sub>alkyl or C<sub>1-3</sub>alkyl);
  3alkyl) and R<sup>22</sup> represents hydrogen, C<sub>1-3</sub>alkyl or C<sub>1-3</sub>alkoxyC<sub>2-3</sub>alkyl);
  - 5) R<sup>28</sup> (wherein R<sup>28</sup> is a 5-6-membered saturated heterocyclic group (linked via carbon or nitrogen) with 1-2 heteroatoms, selected independently from O, S and N, which heterocyclic group may bear 1 or 2 substituents selected from oxo, hydroxy, halogeno, cyano, C<sub>1</sub>.

    4cyanoalkyl, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>hydroxyalkyl, C<sub>1-4</sub>alkoxy, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkyl, C<sub>1</sub>.
- 4alkylsulphonylC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxycarbonyl, C<sub>1-4</sub>aminoalkyl, C<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkyl)amino, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkoxy, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkoxy and a group -(-O-)<sub>f</sub>(C<sub>1-4</sub>alkyl)<sub>g</sub>ringD (wherein f is 0 or 1, g is 0 or 1 and ring D is a 5-6-membered saturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which cyclic group may bear one or more substituents
  25 selected from C<sub>1-4</sub>alkyl));
  - boloctod from Cladakyl)),
    - 6) C<sub>1-5</sub>alkylR<sup>28</sup> (wherein R<sup>28</sup> is as defined herein);
    - 7) C<sub>2-5</sub>alkenylR<sup>28</sup> (wherein R<sup>28</sup> is as defined herein);
    - 8)  $C_{2.5}$ alkynyl $R^{28}$  (wherein  $R^{28}$  is as defined herein);
    - 9) R<sup>29</sup> (wherein R<sup>29</sup> represents a pyridone group, a phenyl group or a 5-6-membered aromatic
- heterocyclic group (linked via carbon or nitrogen) with 1-3 heteroatoms selected from O, N and S, which pyridone, phenyl or aromatic heterocyclic group may carry up to 5 substituents selected from oxo, hydroxy, halogeno, amino, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxy, C<sub>1-4</sub>hydroxyalkyl, C<sub>1-4</sub>aminoalkyl, C<sub>1-4</sub>alkylamino, C<sub>1-4</sub>hydroxyalkoxy, carboxy, trifluoromethyl, cyano, -

- $C(O)NR^{30}R^{31}$ ,  $-NR^{32}C(O)R^{33}$  (wherein  $R^{30}$ ,  $R^{31}$ ,  $R^{32}$  and  $R^{33}$ , which may be the same or different, each represents hydrogen,  $C_{1-4}$ alkyl or  $C_{1-3}$ alkoxy $C_{2-3}$ alkyl) and a group -(-O-)<sub>f</sub>( $C_{1-4}$ alkyl)<sub>g</sub>ringD (wherein f is 0 or 1, g is 0 or 1 and ring D is a 5-6-membered saturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which
- 5 cyclic group may bear one or more substituents selected from C<sub>1-4</sub>alkyl));
  - 10) C<sub>1-5</sub>alkylR<sup>29</sup> (wherein R<sup>29</sup> is as defined herein);
  - 11) C<sub>2-5</sub>alkenylR<sup>29</sup> (wherein R<sup>29</sup> is as defined herein);
  - 12) C<sub>2-5</sub>alkynylR<sup>29</sup> (wherein R<sup>29</sup> is as defined herein);
  - 13) C<sub>1-5</sub>alkylX<sup>6</sup>R<sup>29</sup> (wherein X<sup>6</sup> represents -O-, -S-, -SO-, -SO<sub>2</sub>-, -NR<sup>34</sup>C(O)-, -C(O)NR<sup>35</sup>-, -
- 10 SO<sub>2</sub>NR<sup>36</sup>-, -NR<sup>37</sup>SO<sub>2</sub>- or -NR<sup>38</sup>- (wherein R<sup>34</sup>, R<sup>35</sup>, R<sup>36</sup>, R<sup>37</sup> and R<sup>38</sup> each independently represents hydrogen, C<sub>1-3</sub>alkyl or C<sub>1-3</sub>alkoxyC<sub>2-3</sub>alkyl) and R<sup>29</sup> is as defined herein);
  14) C<sub>2-5</sub>alkenylX<sup>7</sup>R<sup>29</sup> (wherein X<sup>7</sup> represents -O-, -S-, -SO-, -SO<sub>2</sub>-, -NR<sup>39</sup>C(O)-, -C(O)NR<sup>40</sup>-, -SO<sub>2</sub>NR<sup>41</sup>-, -NR<sup>42</sup>SO<sub>2</sub>- or -NR<sup>43</sup>- (wherein R<sup>39</sup>, R<sup>40</sup>, R<sup>41</sup>, R<sup>42</sup> and R<sup>43</sup> each independently represents hydrogen, C<sub>1-3</sub>alkyl or C<sub>1-3</sub>alkoxyC<sub>2-3</sub>alkyl) and R<sup>29</sup> is as defined herein);
- 15 15) C<sub>2-5</sub>alkynylX<sup>8</sup>R<sup>29</sup> (wherein X<sup>8</sup> represents -O-, -S-, -SO-, -SO<sub>2</sub>-, -NR<sup>44</sup>C(O)-, -C(O)NR<sup>45</sup>-, -SO<sub>2</sub>NR<sup>46</sup>-, -NR<sup>47</sup>SO<sub>2</sub>- or -NR<sup>48</sup>- (wherein R<sup>44</sup>, R<sup>45</sup>, R<sup>46</sup>, R<sup>47</sup> and R<sup>48</sup> each independently represents hydrogen, C<sub>1-3</sub>alkyl or C<sub>1-3</sub>alkoxyC<sub>2-3</sub>alkyl) and R<sup>29</sup> is as defined herein);
  16) C<sub>1-4</sub>alkylX<sup>9</sup>C<sub>1-4</sub>alkylR<sup>29</sup> (wherein X<sup>9</sup> represents -O-, -S-, -SO-, -SO<sub>2</sub>-, -NR<sup>49</sup>C(O)-, -C(O)NR<sup>50</sup>-, -SO<sub>2</sub>NR<sup>51</sup>-, -NR<sup>52</sup>SO<sub>2</sub>- or -NR<sup>53</sup>- (wherein R<sup>49</sup>, R<sup>50</sup>, R<sup>51</sup>, R<sup>52</sup> and R<sup>53</sup> each
- 20 independently represents hydrogen, C<sub>1-3</sub>alkyl or C<sub>1-3</sub>alkoxyC<sub>2-3</sub>alkyl) and R<sup>29</sup> is as defined herein);
  - 17)  $C_{1-4}$ alkyl $X^9C_{1-4}$ alkyl $R^{28}$  (wherein  $X^9$  and  $R^{28}$  are as defined herein);
  - 18)  $C_{2-5}$ alkenyl which may be unsubstituted or which may be substituted with one or more groups selected from hydroxy, fluoro, amino,  $C_{1-4}$ alkylamino, N,N-di( $C_{1-4}$ alkyl)amino,
- aminosulphonyl, N-C<sub>1-4</sub>alkylaminosulphonyl and N,N-di(C<sub>1-4</sub>alkyl)aminosulphonyl;

  19) C<sub>2-5</sub>alkynyl which may be unsubstituted or which may be substituted with one or more groups selected from hydroxy, fluoro, amino, C<sub>1-4</sub>alkylamino, N,N-di(C<sub>1-4</sub>alkyl)amino, aminosulphonyl, N-C<sub>1-4</sub>alkylaminosulphonyl and N,N-di(C<sub>1-4</sub>alkyl)aminosulphonyl;

  20) C<sub>2-5</sub>alkenylX<sup>9</sup>C<sub>1-4</sub>alkylR<sup>28</sup> (wherein X<sup>9</sup> and R<sup>28</sup> are as defined herein);
- 21) C<sub>2-5</sub>alkynylX<sup>9</sup>C<sub>1-4</sub>alkylR<sup>28</sup> (wherein X<sup>9</sup> and R<sup>28</sup> are as defined herein); and 22) C<sub>1-4</sub>alkylR<sup>54</sup>(C<sub>1-4</sub>alkyl)<sub>q</sub>(X<sup>9</sup>)<sub>r</sub>R<sup>55</sup> (wherein X<sup>9</sup> is as defined herein, q is 0 or 1, r is 0 or 1, and R<sup>54</sup> and R<sup>55</sup> are each independently selected from hydrogen, C<sub>1-3</sub>alkyl, cyclopentyl, cyclohexyl and a 5-6-membered saturated heterocyclic group with 1-2 heteroatoms, selected

- independently from O, S and N, which C<sub>1-3</sub>alkyl group may bear 1 or 2 substituents selected from oxo, hydroxy, halogeno and C<sub>1-4</sub>alkoxy and which cyclic group may bear 1 or 2 substituents selected from oxo, hydroxy, halogeno, cyano, C<sub>1-4</sub>cyanoalkyl, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkyl,
- 5 4alkoxycarbonyl, C<sub>1-4</sub>aminoalkyl, C<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkyl)amino, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkoxy, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkoxy and a group -(-O-)<sub>f</sub>(C<sub>1-4</sub>alkyl)<sub>g</sub>ringD (wherein f is 0 or 1, g is 0 or 1 and ring D is a 5-6-membered saturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which cyclic group may bear one or more substituents selected from C<sub>1-4</sub>alkyl), with
- the proviso that R<sup>54</sup> cannot be hydrogen); and additionally wherein any C<sub>1-5</sub>alkyl, C<sub>2-5</sub>alkenyl or C<sub>2-5</sub>alkynyl group in R<sup>5</sup>X<sup>1</sup>- which is linked to X<sup>1</sup> may bear one or more substituents selected from hydroxy, halogeno and amino); R<sup>1</sup> represents hydrogen, oxo, halogeno, hydroxy, C<sub>1-4</sub>alkoxy, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxymethyl, C<sub>1-4</sub>alkanoyl, C<sub>1-4</sub>haloalkyl, cyano, amino, C<sub>2-5</sub>alkenyl, C<sub>2-5</sub>alkynyl, C<sub>1-3</sub>alkanoyloxy, nitro, C<sub>1-5</sub>alkynyl, C<sub>1-3</sub>alkanoyloxy, nitro, C<sub>1-5</sub>alkynyl, C<sub>1-3</sub>alkanoyloxy, nitro, C<sub>1-5</sub>alkynyl, C<sub>1-3</sub>alkanoyloxy, nitro, C<sub>1-5</sub>alkynyl, C<sub>1-5</sub>alkynyl, C<sub>1-3</sub>alkanoyloxy, nitro, C<sub>1-5</sub>alkynyl, C<sub>1-3</sub>alkanoyloxy, nitro, C<sub>1-5</sub>alkynyl, C<sub>1-4</sub>alkynyl, C<sub>1-3</sub>alkanoyloxy, nitro, C<sub>1-5</sub>alkynyl, C<sub>1-5</sub>alkynyl, C<sub>1-5</sub>alkynyl, C<sub>1-6</sub>alkynyl, C<sub>1-6</sub>alkynyl, C<sub>1-7</sub>alkynyl, C<sub>1-7</sub>alkynyl, C<sub>1-8</sub>alkynyl, C<sub>1-8</sub>alkyny
- 4alkanoylamino, C<sub>1-4</sub>alkoxycarbonyl, C<sub>1-4</sub>alkylsulphanyl, C<sub>1-4</sub>alkylsulphinyl, C<sub>1-4</sub>alkylsulphonyl, carbamoyl, <u>N</u>-C<sub>1-4</sub>alkylcarbamoyl, <u>N,N</u>-di(C<sub>1-4</sub>alkyl)carbamoyl, aminosulphonyl, <u>N</u>-C<sub>1-4</sub>alkylaminosulphonyl, <u>N,N</u>-di(C<sub>1-4</sub>alkyl)aminosulphonyl, <u>N</u>-(C<sub>1-4</sub>alkylsulphonyl)amino, <u>N</u>-(C<sub>1-4</sub>alkylsulphonyl)-<u>N</u>-(C<sub>1-4</sub>alkyl)amino, <u>N,N</u>-di(C<sub>1-4</sub>alkylsulphonyl)amino, a C<sub>3-7</sub>alkylene chain joined to two ring C carbon atoms, C<sub>1-4</sub>
- 4alkanoylaminoC<sub>1-4</sub>alkyl, carboxy or a group R<sup>56</sup>X<sup>10</sup> (wherein X<sup>10</sup> represents a direct bond, -O-, -CH<sub>2</sub>-, -OC(O)-, -C(O)-, -S-, -SO-, -SO<sub>2</sub>-, -NR<sup>57</sup>C(O)-, -C(O)NR<sup>58</sup>-, -SO<sub>2</sub>NR<sup>59</sup>-, -NR<sup>60</sup>SO<sub>2</sub>- or -NR<sup>61</sup>- (wherein R<sup>57</sup>, R<sup>58</sup>, R<sup>59</sup>, R<sup>60</sup> and R<sup>61</sup> each independently represents hydrogen, C<sub>1-3</sub>alkyl or C<sub>1-3</sub>alkoxyC<sub>2-3</sub>alkyl), and R<sup>56</sup> is selected from one of the following twenty-two groups:
- 1) hydrogen, oxiranylC<sub>1-4</sub>alkyl or C<sub>1-5</sub>alkyl which may be unsubstituted or which may be substituted with one or more groups selected from hydroxy, fluoro, chloro, bromo and amino;
  2) C<sub>1-5</sub>alkylX<sup>11</sup>C(O)R<sup>62</sup> (wherein X<sup>11</sup> represents -O- or -NR<sup>63</sup>- (in which R<sup>63</sup> represents hydrogen, C<sub>1-3</sub>alkyl or C<sub>1-3</sub>alkoxyC<sub>2-3</sub>alkyl) and R<sup>62</sup> represents C<sub>1-3</sub>alkyl, -NR<sup>64</sup>R<sup>65</sup> or -OR<sup>66</sup> (wherein R<sup>64</sup>, R<sup>65</sup> and R<sup>66</sup> which may be the same or different each represents hydrogen, C<sub>1-3</sub>alkyl or C<sub>1-3</sub>alkoxyC<sub>2-3</sub>alkyl));
  - 3)  $C_{1-5}$ alkyl $X^{12}R^{67}$  (wherein  $X^{12}$  represents -O-, -S-, -SO-, -SO<sub>2</sub>-, -OC(O)-, -NR<sup>68</sup>C(O)-, -C(O)NR<sup>69</sup>-, -SO<sub>2</sub>NR<sup>70</sup>-, -NR<sup>71</sup>SO<sub>2</sub>- or -NR<sup>72</sup>- (wherein R<sup>68</sup>, R<sup>69</sup>, R<sup>70</sup>, R<sup>71</sup> and R<sup>72</sup> each independently represents hydrogen,  $C_{1-3}$ alkyl or  $C_{1-3}$ alkoxy $C_{2-3}$ alkyl) and R<sup>67</sup> represents

- hydrogen, C<sub>1-3</sub>alkyl, cyclopentyl, cyclohexyl or a 5-6-membered saturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which C<sub>1-3</sub>alkyl group may bear 1 or 2 substituents selected from oxo, hydroxy, halogeno and C<sub>1-4</sub>alkoxy and which cyclic group may bear 1 or 2 substituents selected from oxo, hydroxy, halogeno, cyano, C<sub>1-</sub>
- 5 4cyanoalkyl, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>hydroxyalkyl, C<sub>1-4</sub>alkoxy, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkyl, C<sub>1</sub>.
  4alkylsulphonylC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxycarbonyl, C<sub>1-4</sub>aminoalkyl, C<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkyl)amino, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkoxy, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkoxy and a group -(-O-)<sub>f</sub>(C<sub>1-4</sub>alkyl)<sub>g</sub>ringD (wherein f is 0 or 1, g is 0 or 1 and ring D is a 5-6-membered saturated heterocyclic group with 1-2 heteroatoms, selected
- independently from O, S and N, which cyclic group may bear one or more substituents selected from C<sub>1-4</sub>alkyl));
  - 4)  $C_{1-5}$ alkyl $X^{13}$  $C_{1-5}$ alkyl $X^{14}$  $R^{73}$  (wherein  $X^{13}$  and  $X^{14}$  which may be the same or different are each -O-, -S-, -SO-, -SO<sub>2</sub>-, -NR<sup>74</sup>C(O)-, -C(O)NR<sup>75</sup>-, -SO<sub>2</sub>NR<sup>76</sup>-, -NR<sup>77</sup>SO<sub>2</sub>- or -NR<sup>78</sup>- (wherein  $R^{74}$ ,  $R^{75}$ ,  $R^{76}$ ,  $R^{77}$  and  $R^{78}$  each independently represents hydrogen,  $C_{1-3}$ alkyl or  $C_{1-3}$
- 3alkoxyC<sub>2-3</sub>alkyl) and R<sup>73</sup> represents hydrogen, C<sub>1-3</sub>alkyl or C<sub>1-3</sub>alkoxyC<sub>2-3</sub>alkyl);
  R<sup>79</sup> (wherein R<sup>79</sup> is a 5-6-membered saturated heterocyclic group (linked via carbon or nitrogen) with 1-2 heteroatoms, selected independently from O, S and N, which heterocyclic group may bear 1 or 2 substituents selected from oxo, hydroxy, halogeno, cyano, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkyl,
- 4alkylsulphonylC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxycarbonyl, C<sub>1-4</sub>aminoalkyl, C<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkyl)amino, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkoxy, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkoxy and a group -(-O-)<sub>f</sub>(C<sub>1-4</sub>alkyl)<sub>g</sub>ringD (wherein f is 0 or 1, g is 0 or 1 and ring D is a 5-6-membered saturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which cyclic group may bear one or more substituents
  25 selected from C<sub>1-4</sub>alkyl);
  - bolootod from Chameyi)),
    - 6) C<sub>1-5</sub>alkylR<sup>79</sup> (wherein R<sup>79</sup> is as defined herein);
    - 7) C<sub>2-5</sub>alkenylR<sup>79</sup> (wherein R<sup>79</sup> is as defined herein);
    - 8) C<sub>2-5</sub>alkynylR<sup>79</sup> (wherein R<sup>79</sup> is as defined herein);
  - 9) R<sup>80</sup> (wherein R<sup>80</sup> represents a pyridone group, a phenyl group or a 5-6-membered aromatic
- 30 heterocyclic group (linked via carbon or nitrogen) with 1-3 heteroatoms selected from O, N and S, which pyridone, phenyl or aromatic heterocyclic group may carry up to 5 substituents selected from oxo, hydroxy, halogeno, amino, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxy, C<sub>1-4</sub>hydroxyalkyl, C<sub>1-4</sub>aminoalkyl, C<sub>1-4</sub>alkylamino, C<sub>1-4</sub>hydroxyalkoxy, carboxy, trifluoromethyl, cyano, -

- C(O)NR<sup>81</sup>R<sup>82</sup>, -NR<sup>83</sup>C(O)R<sup>84</sup> (wherein R<sup>81</sup>, R<sup>82</sup>, R<sup>83</sup> and R<sup>84</sup>, which may be the same or different, each represents hydrogen, C<sub>1-4</sub>alkyl or C<sub>1-3</sub>alkoxyC<sub>2-3</sub>alkyl) and a group -(-O-)<sub>f</sub>(C<sub>1-4</sub>alkyl)<sub>g</sub>ringD (wherein f is 0 or 1, g is 0 or 1 and ring D is a 5-6-membered saturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which 5 cyclic group may bear one or more substituents selected from C<sub>1-4</sub>alkyl));
  - 20 Start Holl Commission of Marie Start Commission of Comm
  - 10) C<sub>1-5</sub>alkylR<sup>80</sup> (wherein R<sup>80</sup> is as defined herein);
  - 11) C2-5alkenylR80 (wherein R80 is as defined herein);
  - 12) C<sub>2-5</sub>alkynylR<sup>80</sup> (wherein R<sup>80</sup> is as defined herein);
  - 13) C<sub>1-5</sub>alkylX<sup>15</sup>R<sup>80</sup> (wherein X<sup>15</sup> represents -O-, -S-, -SO-, -SO<sub>2</sub>-, -NR<sup>85</sup>C(O)-, -C(O)NR<sup>86</sup>-, -
- SO<sub>2</sub>NR<sup>87</sup>-, -NR<sup>88</sup>SO<sub>2</sub>- or -NR<sup>89</sup>- (wherein R<sup>85</sup>, R<sup>86</sup>, R<sup>87</sup>, R<sup>88</sup> and R<sup>89</sup> each independently represents hydrogen, C<sub>1-3</sub>alkyl or C<sub>1-3</sub>alkoxyC<sub>2-3</sub>alkyl) and R<sup>80</sup> is as defined herein);

  14) C<sub>2-5</sub>alkenylX<sup>16</sup>R<sup>80</sup> (wherein X<sup>16</sup> represents -O-, -S-, -SO-, -SO<sub>2</sub>-, -NR<sup>90</sup>C(O)-, -C(O)NR<sup>91</sup>-, -SO<sub>2</sub>NR<sup>92</sup>-, -NR<sup>93</sup>SO<sub>2</sub>- or -NR<sup>94</sup>- (wherein R<sup>90</sup>, R<sup>91</sup>, R<sup>92</sup>, R<sup>93</sup> and R<sup>94</sup> each independently represents hydrogen, C<sub>1-3</sub>alkyl or C<sub>1-3</sub>alkoxyC<sub>2-3</sub>alkyl) and R<sup>80</sup> is as defined herein);
- 15) C<sub>2-5</sub>alkynylX<sup>17</sup>R<sup>80</sup> (wherein X<sup>17</sup> represents -O-, -S-, -SO-, -SO<sub>2</sub>-, -NR<sup>95</sup>C(O)-, -C(O)NR<sup>96</sup>-, -SO<sub>2</sub>NR<sup>97</sup>-, -NR<sup>98</sup>SO<sub>2</sub>- or -NR<sup>99</sup>- (wherein R<sup>95</sup>, R<sup>96</sup>, R<sup>97</sup>, R<sup>98</sup> and R<sup>99</sup> each independently represents hydrogen, C<sub>1-3</sub>alkyl or C<sub>1-3</sub>alkoxyC<sub>2-3</sub>alkyl) and R<sup>80</sup> is as defined herein);
   16) C<sub>1-4</sub>alkylX<sup>18</sup>C<sub>1-4</sub>alkylR<sup>80</sup> (wherein X<sup>18</sup> represents -O-, -S-, -SO-, -SO<sub>2</sub>-, -NR<sup>100</sup>C(O)-, -C(O)NR<sup>101</sup>-, -SO<sub>2</sub>NR<sup>102</sup>-, -NR<sup>103</sup>SO<sub>2</sub>- or -NR<sup>104</sup>- (wherein R<sup>100</sup>, R<sup>101</sup>, R<sup>102</sup>, R<sup>103</sup> and R<sup>104</sup> each
- 20 independently represents hydrogen, C<sub>1-3</sub>alkyl or C<sub>1-3</sub>alkoxyC<sub>2-3</sub>alkyl) and R<sup>80</sup> is as defined herein);
  - 17)  $C_{1-4}$ alkyl $X^{18}C_{1-4}$ alkyl $R^{79}$  (wherein  $X^{18}$  and  $R^{79}$  are as defined herein);
  - 18) C<sub>2-5</sub>alkenyl which may be unsubstituted or which may be substituted with one or more groups selected from hydroxy, fluoro, amino, C<sub>1-4</sub>alkylamino, N,N-di(C<sub>1-4</sub>alkyl)amino,
- aminosulphonyl, N-C<sub>1-4</sub>alkylaminosulphonyl and N,N-di(C<sub>1-4</sub>alkyl)aminosulphonyl;

  19) C<sub>2-5</sub>alkynyl which may be unsubstituted or which may be substituted with one or more groups selected from hydroxy, fluoro, amino, C<sub>1-4</sub>alkylamino, N,N-di(C<sub>1-4</sub>alkyl)amino, aminosulphonyl, N-C<sub>1-4</sub>alkylaminosulphonyl and N,N-di(C<sub>1-4</sub>alkyl)aminosulphonyl;

  20) C<sub>2-5</sub>alkenylX<sup>18</sup>C<sub>1-4</sub>alkylR<sup>79</sup> (wherein X<sup>18</sup> and R<sup>79</sup> are as defined herein);
- 21) C<sub>2-5</sub>alkynylX<sup>18</sup>C<sub>1-4</sub>alkylR<sup>79</sup> (wherein X<sup>18</sup> and R<sup>79</sup> are as defined herein); and 22) C<sub>1-4</sub>alkylR<sup>105</sup>(C<sub>1-4</sub>alkyl)<sub>x</sub>(X<sup>18</sup>)<sub>y</sub>R<sup>106</sup> (wherein X<sup>18</sup> is as defined herein, x is 0 or 1, y is 0 or 1, and R<sup>105</sup> and R<sup>106</sup> are each independently selected from hydrogen, C<sub>1-3</sub>alkyl, cyclopentyl, cyclohexyl and a 5-6-membered saturated heterocyclic group with 1-2 heteroatoms, selected

- independently from O, S and N, which C<sub>1-3</sub>alkyl group may bear 1 or 2 substituents selected from oxo, hydroxy, halogeno and C<sub>1-4</sub>alkoxy and which cyclic group may bear 1 or 2 substituents selected from oxo, hydroxy, halogeno, cyano, C<sub>1-4</sub>cyanoalkyl, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkyl,
- 5 4alkoxycarbonyl, C<sub>1-4</sub>aminoalkyl, C<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkyl)amino, C<sub>1-4</sub>alkylaminoC<sub>1</sub>.
  4alkyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkoxy, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkoxy and a group -(-O-)<sub>f</sub>(C<sub>1-4</sub>alkyl)<sub>g</sub>ringD (wherein f is 0 or 1, g is 0 or 1 and ring D is a 5-6-membered saturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which cyclic group may bear one or more substituents selected from C<sub>1-4</sub>alkyl) with
- the proviso that R<sup>105</sup> cannot be hydrogen); and additionally wherein any C<sub>1-5</sub>alkyl, C<sub>2-5</sub>alkenyl or C<sub>2-5</sub>alkynyl group in R<sup>56</sup>X<sup>10</sup>- which is linked to X<sup>10</sup> may bear one or more substituents selected from hydroxy, halogeno and amino); with the proviso that one or more R<sup>1</sup> and/or one or more R<sup>2</sup> are selected from Q<sup>1</sup>X<sup>1</sup>- wherein X<sup>1</sup> is as defined herein and Q<sup>1</sup> is selected from one of the following groups:
- 15 1) C<sub>1-4</sub>alkyl-Q<sup>13</sup>-C(O)-C<sub>1-4</sub>alkyl-Q<sup>14</sup> wherein Q<sup>13</sup> is C<sub>1-3</sub>alkyl, cyclopentyl, cyclohexyl and a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which C<sub>1-3</sub>alkyl group may bear 1 or 2 substituents selected from oxo, hydroxy, halogeno and C<sub>1-4</sub>alkoxy and which cyclic group may bear either one substituent selected from methylenedioxy or ethylenedioxy to form a bicyclic ring, or may
- bear 1, 2 or 3 substituents selected from C<sub>2-5</sub>alkenyl, C<sub>2-5</sub>alkynyl, C<sub>1-6</sub>fluoroalkyl, C<sub>1-6</sub>alkanoyl, C<sub>1-6</sub>alkanoyl, C<sub>1-6</sub>alkanoyl, C<sub>1-6</sub>alkanoyl, C<sub>1-6</sub>alkanoyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-6</sub>alkanoyl, C<sub>1-6</sub>fluoroalkanoyl, carbamoyl, C<sub>1-4</sub>alkylcarbamoyl, di(C<sub>1-4</sub>alkyl)carbamoyl, carbamoylC<sub>1-6</sub>alkyl, C<sub>1-4</sub>alkylcarbamoylC<sub>1-6</sub>alkyl, di(C<sub>1-4</sub>alkyl)carbamoylC<sub>1-6</sub>alkyl, C<sub>1-6</sub>alkylsulphonyl, C<sub>1-6</sub>fluoroalkylsulphonyl, oxo, hydroxy, halogeno, cyano, C<sub>1-6</sub>alkylsulphonyl, C<sub>1-6</sub>fluoroalkylsulphonyl, oxo, hydroxy, halogeno, cyano, C<sub>1-6</sub>alkylsulphonyl, C<sub>1-6</sub>fluoroalkylsulphonyl, oxo, hydroxy, halogeno, cyano, C<sub>1-6</sub>alkylsulphonyl, C<sub>1-6</sub>alkylsulphonyl, C<sub>1-6</sub>alkylsulphonyl, C<sub>1-6</sub>alkylsulphonyl, C<sub>1-6</sub>alkylsulphonyl, C<sub>1-6</sub>alkylsulphonyl, Oxo, hydroxy, halogeno, cyano, C<sub>1-6</sub>alkylsulphonyl, C<sub>1</sub>
- 4cyanoalkyl, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>hydroxyalkyl, C<sub>1-4</sub>alkoxy, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxycarbonyl, C<sub>1-4</sub>aminoalkyl, C<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkyl)amino, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkoxy, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkoxy and a group -(-O-)<sub>f</sub>(C<sub>1-4</sub>alkyl)<sub>g</sub>ringD (wherein f is 0 or 1, g is 0 or 1 and ring D is a 5-6-membered saturated or partially unsaturated heterocyclic group with
- 30 1-2 heteroatoms, selected independently from O, S and N, which heterocyclic group may bear one or more substituents selected from C<sub>1-4</sub>alkyl), and Q<sup>14</sup> is a 5-6-membered saturated or partially unsaturated heterocyclic group containing at least one nitrogen atom and optionally containing a further nitrogen atom wherein Q<sup>14</sup> is linked to C<sub>1-6</sub>alkanoyl through a nitrogen

- atom and wherein  $Q^{14}$  optionally bears either one substituent selected from methylenedioxy or ethylenedioxy to form a bicyclic ring, or bears 1, 2 or 3 substituents selected from  $C_{2-5}$  alkenyl,  $C_{2-5}$  alkynyl,  $C_{1-6}$  alkanoyl,  $C_{$
- 5 4alkylcarbamoyl, di(C<sub>1-4</sub>alkyl)carbamoyl, carbamoylC<sub>1-6</sub>alkyl, C<sub>1-4</sub>alkylcarbamoylC<sub>1-6</sub>alkyl, di(C<sub>1-4</sub>alkyl)carbamoylC<sub>1-6</sub>alkyl, C<sub>1-6</sub>alkylsulphonyl, C<sub>1-6</sub>fluoroalkylsulphonyl, oxo, hydroxy, halogeno, cyano, C<sub>1-4</sub>cyanoalkyl, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>hydroxyalkyl, C<sub>1-4</sub>alkoxy, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxycarbonyl, C<sub>1-4</sub>aminoalkyl, C<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkyl)amino, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkoxy,
- di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkoxy and a group -(-O-)<sub>f</sub>(C<sub>1-4</sub>alkyl)<sub>g</sub>ringD (wherein f is 0 or 1, g is 0 or 1 and ring D is a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which heterocyclic group may bear one or more substituents selected from C<sub>1-4</sub>alkyl);
- 2) Q<sup>2</sup> (wherein Q<sup>2</sup> is a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which heterocyclic group bears either one substituent selected from methylenedioxy or ethylenedioxy to form a bicyclic ring, or bears at least one substituent selected from C<sub>1-6</sub>alkanoylC<sub>1-6</sub>alkyl and optionally bears a further 1 or 2 substituents selected from C<sub>2-5</sub>alkenyl, C<sub>2-5</sub>alkynyl, C<sub>1-6</sub>fluoroalkyl, C<sub>1</sub>. 6alkanoyl, C<sub>1-6</sub>alkanoylC<sub>1-6</sub>alkyl, aminoC<sub>1-6</sub>alkanoyl, C<sub>1-6</sub>alkanoyl, di(C<sub>1</sub>.
- 4alkyl)aminoC<sub>1-6</sub>alkanoyl, C<sub>1-6</sub>fluoroalkanoyl, carbamoyl, C<sub>1-4</sub>alkylcarbamoyl, di(C<sub>1-4</sub>alkyl)carbamoylC<sub>1-6</sub>alkyl, C<sub>1-4</sub>alkylcarbamoylC<sub>1-6</sub>alkyl, di(C<sub>1-4</sub>alkyl)carbamoylC<sub>1-6</sub>alkyl, C<sub>1-6</sub>alkylsulphonyl, C<sub>1-6</sub>fluoroalkylsulphonyl, oxo, hydroxy, halogeno, cyano, C<sub>1-4</sub>cyanoalkyl, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxy, C<sub>1-4</sub>alkoxy, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxycarbonyl, C<sub>1-4</sub>aminoalkyl, C<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxycarbonyl, C<sub>1-4</sub>aminoalkyl, C<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxycarbonyl, C<sub>1-4</sub>aminoalkyl, C<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxycarbonyl, C<sub>1-4</sub>aminoalkyl, C<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxycarbonyl, C<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alky
- 4alkyl)amino, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkoxy, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkoxy and a group -(-O-)<sub>f</sub>(C<sub>1-4</sub>alkyl)<sub>g</sub>ringD (wherein f is 0 or 1, g is 0 or 1 and ring D is a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which cyclic group may bear one or more substituents selected from C<sub>1-4</sub>alkyl));
- 30 3) C<sub>1.5</sub>alkylW<sup>1</sup>Q<sup>2</sup> (wherein W<sup>1</sup> represents -O-, -S-, -SO-, -SO<sub>2</sub>-, -OC(O)-, -NQ<sup>3</sup>C(O)-, -C(O)NQ<sup>4</sup>-, -SO<sub>2</sub>NQ<sup>5</sup>-, -NQ<sup>6</sup>SO<sub>2</sub>- or -NQ<sup>7</sup>- (wherein Q<sup>3</sup>, Q<sup>4</sup>, Q<sup>5</sup>, Q<sup>6</sup> and Q<sup>7</sup> each independently represents hydrogen, C<sub>1.3</sub>alkyl, C<sub>1.3</sub>alkoxyC<sub>2.3</sub>alkyl, C<sub>2.5</sub>alkenyl, C<sub>2.5</sub>alkynyl or C<sub>1.4</sub>haloalkyl) and Q<sup>2</sup> is as defined herein);

- 4) C<sub>1-5</sub>alkylQ<sup>2</sup> (wherein Q<sup>2</sup> is as defined herein);
- 5) C<sub>2-5</sub>alkenylQ<sup>2</sup> (wherein Q<sup>2</sup> is as defined herein);
- 6) C<sub>2-5</sub>alkynylQ<sup>2</sup> (wherein Q<sup>2</sup> is as defined herein);
- 7) C<sub>1-4</sub>alkylW<sup>2</sup>C<sub>1-4</sub>alkylQ<sup>2</sup> (wherein W<sup>2</sup> represents -O-, -S-, -SO-, -SO<sub>2</sub>-, -NQ<sup>8</sup>C(O)-, -
- 5 C(O)NQ<sup>9</sup>-, -SO<sub>2</sub>NQ<sup>10</sup>-, -NQ<sup>11</sup>SO<sub>2</sub>- or -NQ<sup>12</sup>- (wherein Q<sup>8</sup>, Q<sup>9</sup>, Q<sup>10</sup>, Q<sup>11</sup> and Q<sup>12</sup> each independently represents hydrogen, C<sub>1-3</sub>alkyl, C<sub>1-3</sub>alkoxyC<sub>2-3</sub>alkyl, C<sub>2-5</sub>alkenyl, C<sub>2-5</sub>alkynyl or C<sub>1-4</sub>haloalkyl) and Q<sup>2</sup> is as defined herein);
  - 8) C<sub>2-5</sub>alkenylW<sup>2</sup>C<sub>1-4</sub>alkylQ<sup>2</sup> (wherein W<sup>2</sup> and Q<sup>2</sup> are as defined herein);
  - 9) C<sub>2-5</sub>alkynylW<sup>2</sup>C<sub>1-4</sub>alkylQ<sup>2</sup> (wherein W<sup>2</sup> and Q<sup>2</sup> are as defined herein);
- 10 10) C<sub>1-4</sub>alkylQ<sup>15</sup>(C<sub>1-4</sub>alkyl)<sub>j</sub>(W<sup>2</sup>)<sub>k</sub>Q<sup>16</sup> (wherein W<sup>2</sup> is as defined herein, j is 0 or 1, k is 0 or 1, and Q<sup>15</sup> and Q<sup>16</sup> are each independently selected from hydrogen, C<sub>1-3</sub>alkyl, cyclopentyl, cyclohexyl and a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which C<sub>1-3</sub>alkyl group may bear 1 or 2 substituents selected from oxo, hydroxy, halogeno and C<sub>1-4</sub>alkoxy and which cyclic group may
- bear either one substituent selected from methylenedioxy or ethylenedioxy to form a bicyclic ring, or may bear 1, 2 or 3 substituents selected from C<sub>2-5</sub>alkenyl, C<sub>2-5</sub>alkynyl, C<sub>1-6</sub>fluoroalkyl, C<sub>1-6</sub>alkanoyl, C<sub>1-6</sub>alkanoyl, C<sub>1-6</sub>alkanoyl, C<sub>1-6</sub>alkanoyl, C<sub>1-6</sub>alkanoyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-6</sub>alkanoyl, C<sub>1-6</sub>fluoroalkanoyl, carbamoyl, C<sub>1-4</sub>alkylcarbamoyl, di(C<sub>1-4</sub>alkyl)carbamoyl, carbamoylC<sub>1-6</sub>alkyl, C<sub>1-4</sub>alkylcarbamoylC<sub>1-6</sub>alkyl, di(C<sub>1-4</sub>alkyl)carbamoylC<sub>1-6</sub>alkyl, di(C<sub>1-4</sub>alkyl)carbamoylC<sub>1-6</sub>alkyl
- 20 6alkyl, C<sub>1-6</sub>alkylsulphonyl, C<sub>1-6</sub>fluoroalkylsulphonyl, oxo, hydroxy, halogeno, cyano, C<sub>1-4</sub>cyanoalkyl, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxy, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxycarbonyl, C<sub>1-4</sub>aminoalkyl, C<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkyl)amino, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkoxy, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkoxy and a group -(-O-)<sub>f</sub>(C<sub>1-4</sub>alkyl)<sub>g</sub>ringD (wherein f is 0 or 1, g is 0
- or 1 and ring D is a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which heterocyclic group may bear one or more substituents selected from C<sub>1-4</sub>alkyl), with the provisos that Q<sup>15</sup> cannot be hydrogen and one or both of Q<sup>15</sup> and Q<sup>16</sup> must be a 5-6-membered saturated or partially unsaturated heterocyclic group as defined herein which heterocyclic group bears either one
- 30 substituent selected from methylenedioxy or ethylenedioxy to form a bicyclic ring, or bears at least one substituent selected from C<sub>1-6</sub>alkanoylC<sub>1-6</sub>alkyl and optionally bears 1 or 2 further substituents selected from those defined herein);

11) C<sub>1-4</sub>alkylQ<sup>15</sup>C<sub>1-4</sub>alkanoylQ<sup>16n</sup> wherein Q<sup>15</sup> is as defined herein and is not hydrogen and Q<sup>16n</sup> is a 5-6-membered saturated or partially unsaturated heterocyclic group containing at least one nitrogen atom and optionally containing a further nitrogen atom wherein Q<sup>16n</sup> is linked to C<sub>1-6</sub>alkanovl through a nitrogen atom and wherein O<sup>16n</sup> bears either one substituent 5 selected from methylenedioxy or ethylenedioxy to form a bicyclic ring, or bears 1, 2 or 3 substituents selected from C<sub>2-5</sub>alkenyl, C<sub>2-5</sub>alkynyl, C<sub>1-6</sub>fluoroalkyl, C<sub>1-6</sub>alkanoyl, C<sub>1</sub>. 6alkanoylC<sub>1-6</sub>alkyl, aminoC<sub>1-6</sub>alkanoyl, C<sub>1-4</sub>alkylaminoC<sub>1-6</sub>alkanoyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-</sub> 6alkanoyl, C<sub>1-6</sub>fluoroalkanoyl, carbamoyl, C<sub>1-4</sub>alkylcarbamoyl, di(C<sub>1-4</sub>alkyl)carbamoyl, carbamoylC<sub>1-6</sub>alkyl, C<sub>1-4</sub>alkylcarbamoylC<sub>1-6</sub>alkyl, di(C<sub>1-4</sub>alkyl)carbamoylC<sub>1-6</sub>alkyl, C<sub>1-</sub> 10 6alkylsulphonyl, C<sub>1-6</sub>fluoroalkylsulphonyl, oxo, hydroxy, halogeno, cyano, C<sub>1-4</sub>cyanoalkyl, C<sub>1-</sub> 4alkyl, C<sub>1-4</sub>hydroxyalkyl, C<sub>1-4</sub>alkoxy, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkyl, C<sub>1-4</sub> 4alkoxycarbonyl, C<sub>1-4</sub>aminoalkyl, C<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkyl)amino, C<sub>1-4</sub>alkylaminoC<sub>1-</sub> 4alkyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkoxy, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkoxy and a group -(-O-)<sub>f</sub>(C<sub>1-4</sub>alkyl)<sub>e</sub>ringD (wherein f is 0 or 1, g is 0 or 1 and ring D is a 5-6-15 membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which heterocyclic group may bear one or more substituents selected from C<sub>1-4</sub>alkyl); with the proviso that one or both of Q<sup>15</sup> and Q<sup>16n</sup> must be a 5-6membered saturated or partially unsaturated heterocyclic group as defined herein which heterocyclic group bears either one substituent selected from methylenedioxy or ethylenedioxy 20 to form a bicyclic ring, or bears at least one substituent selected from C<sub>1-6</sub>alkanoylC<sub>1-6</sub>alkyl and optionally bears 1 or 2 further substituents selected from those defined herein; and additionally wherein any C<sub>1-5</sub>alkyl, C<sub>2-5</sub>alkenyl or C<sub>2-5</sub>alkynyl group in Q<sup>1</sup>X<sup>1</sup>- which is linked to X<sup>1</sup> may bear one or more substituents selected from hydroxy, halogeno and amino); or a salt thereof.

- 25
- 2. A compound according to claim 1 wherein ring C is a 9-10-membered heteroaromatic bicyclic moiety which contains 1 or 2 nitrogen atoms..
- 3. A compound according to claim 1 or claim 2 wherein Z is -O- or -S-.
- 30
- 4. A compound according to any one of claims 1-3 wherein R<sup>1</sup> represents methyl or fluoro.

5. A compound according to claim 1 of the formula IIb:

$$R^{2a} \xrightarrow{H} Z^{a} \xrightarrow{N} H$$

$$R^{2b} \xrightarrow{N} H$$

10

(IIb)

wherein:

M is -CH- or -N-;

15 nc is 0, 1 or 2;

R<sup>2c</sup> is linked to a carbon atom of the 5-membered ring and is selected from hydrogen and methyl;

R<sup>2d</sup> is linked to a carbon atom of the 6-membered ring and is selected from hydrogen and fluoro;

20  $R^{2a}$  and  $R^{2b}$  are each independently selected from hydrogen, hydroxy, halogeno, cyano, nitro, trifluoromethyl,  $C_{1-3}$ alkyl,  $C_{1-3}$ alkoxy,  $C_{1-3}$ alkylsulphanyl, -NR<sup>3a</sup>R<sup>4a</sup> (wherein R<sup>3a</sup> and R<sup>4a</sup>, which may be the same or different, each represents hydrogen or  $C_{1-3}$ alkyl), and  $Q^1X^1$  wherein  $Q^1$  and  $X^1$  are as defined in claim 1;

 $Z^a$  is -O- or -S-;

25 with the proviso that at least one of  $R^{2a}$  and  $R^{2b}$  is  $Q^1X^1$  wherein  $Q^1$  and  $X^1$  are as defined in claim 1;

or a salt thereof.

- A compound according to claim 5 wherein one of R<sup>2a</sup> and R<sup>2b</sup> is methoxy and the other
   is Q<sup>1</sup>X<sup>1</sup> wherein X<sup>1</sup> is -O- and Q<sup>1</sup> is selected from one of the following groups:
  - 1)  $C_{1-4}$ alkyl- $Q^{13}$ -C(O)- $C_{1-4}$ alkyl- $Q^{14}$  wherein  $Q^{13}$  and  $Q^{14}$  are each independently selected from pyrrolidinyl, piperidinyl, piperazinyl,

5

wherein Q14 is linked to C1-6alkanoyl through a nitrogen atom;

2) Q<sup>2</sup> (wherein Q<sup>2</sup> is a 5-6-membered heterocyclic group selected from pyrrolidinyl, piperidinyl, piperazinyl,

which heterocyclic group bears either one substituent selected from methylenedioxy or ethylenedioxy to form a bicyclic ring, or bears at least one substituent selected from  $C_2$ .

4alkanoyl $C_{1-3}$ alkyl and optionally bears a further 1 or 2 substituents selected from  $C_{2-5}$ alkenyl,  $C_{2-5}$ alkynyl,  $C_{1-6}$ fluoroalkyl,  $C_{1-6}$ alkanoyl,  $C_{2-4}$ alkanoyl $C_{1-3}$ alkyl, amino $C_{1-6}$ alkanoyl,  $C_{1-6}$ 

- 4alkylaminoC<sub>1-6</sub>alkanoyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-6</sub>alkanoyl, C<sub>1-6</sub>fluoroalkanoyl, carbamoyl, C<sub>1-4</sub>alkylcarbamoyl, di(C<sub>1-4</sub>alkyl)carbamoyl, carbamoylC<sub>1-6</sub>alkyl, C<sub>1-4</sub>alkylcarbamoylC<sub>1-6</sub>alkyl, di(C<sub>1-4</sub>alkyl)carbamoylC<sub>1-6</sub>alkyl, C<sub>1-6</sub>alkylsulphonyl, C<sub>1-6</sub>fluoroalkylsulphonyl, oxo, hydroxy, halogeno, cyano, C<sub>1-4</sub>cyanoalkyl, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>hydroxyalkyl, C<sub>1-4</sub>alkoxy, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxycarbonyl, C<sub>1-4</sub>aminoalkyl, C<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxycarbonyl, C<sub>1-4</sub>aminoalkyl, C<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxycarbonyl, C<sub>1-4</sub>aminoalkyl, C<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxycarbonyl, C<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxycarbonyl, C<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkylsulphonylC
- 4alkyl)amino, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkoxy, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkoxy and a group -(-O-)<sub>f</sub>(C<sub>1-4</sub>alkyl)<sub>g</sub>ringD (wherein f is 0 or 1, g is 0 or 1 and ring D is a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which cyclic group may bear one or more substituents selected from C<sub>1-4</sub>alkyl);
- 20 3) C<sub>1-5</sub>alkylQ<sup>2</sup> (wherein Q<sup>2</sup> is as defined herein);
  - 4) C<sub>1-4</sub>alkylW<sup>2</sup>C<sub>1-4</sub>alkylQ<sup>2</sup> (wherein W<sup>2</sup> is as defined in claim 1 and Q<sup>2</sup> is as defined herein); 5) C<sub>1-4</sub>alkylQ<sup>15</sup>(C<sub>1-4</sub>alkyl)<sub>j</sub>(W<sup>2</sup>)<sub>k</sub>Q<sup>16</sup> (wherein W<sup>2</sup> is as defined in claim 1, j is 0 or 1, k is 0 or 1, and Q<sup>15</sup> and Q<sup>16</sup> are each independently selected from a 5-6-membered heterocyclic group selected from pyrrolidinyl, piperidinyl, piperazinyl,

which heterocyclic group may bear either one substituent selected from methylenedioxy or ethylenedioxy to form a bicyclic ring, or may bear 1, 2 or 3 substituents selected from C<sub>2</sub>.

salkenyl, C<sub>2-5</sub>alkynyl, C<sub>1-6</sub>fluoroalkyl, C<sub>1-6</sub>alkanoyl, C<sub>2-4</sub>alkanoylC<sub>1-3</sub>alkyl, aminoC<sub>1-6</sub>alkanoyl, C<sub>1-4</sub>alkylaminoC<sub>1-6</sub>alkanoyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-6</sub>alkanoyl, C<sub>1-6</sub>fluoroalkanoyl, carbamoylC<sub>1-6</sub>alkyl, C<sub>1-4</sub>alkylcarbamoylC<sub>1-6</sub>alkyl, di(C<sub>1-4</sub>alkyl)carbamoylC<sub>1-6</sub>alkyl, C<sub>1-6</sub>alkyl, C

6) C<sub>1-4</sub>alkylQ<sup>15</sup>C<sub>1-4</sub>alkanoylQ<sup>16n</sup> wherein Q<sup>15</sup> is as defined herein and Q<sup>16n</sup> is a 5-6-membered heterocyclic group selected from pyrrolidinyl, piperazinyl,

15 2 further substituents selected from those defined herein):

wherein Q<sup>16n</sup> is linked to C<sub>1-6</sub>alkanoyl through a nitrogen atom and wherein Q<sup>16n</sup> bears either

20 one substituent selected from methylenedioxy or ethylenedioxy to form a bicyclic ring, or
bears 1, 2 or 3 substituents selected from C<sub>2-5</sub>alkenyl, C<sub>2-5</sub>alkynyl, C<sub>1-6</sub>fluoroalkyl, C<sub>1-6</sub>
alkanoyl, C<sub>2-4</sub>alkanoylC<sub>1-3</sub>alkyl, aminoC<sub>1-6</sub>alkanoyl, C<sub>1-4</sub>alkylaminoC<sub>1-6</sub>alkanoyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-6</sub>alkanoyl, C<sub>1-6</sub>fluoroalkanoyl, carbamoyl, C<sub>1-4</sub>alkylcarbamoyl, di(C<sub>1-4</sub>alkyl)carbamoyl, carbamoylC<sub>1-6</sub>alkyl, C<sub>1-4</sub>alkylcarbamoylC<sub>1-6</sub>alkyl, di(C<sub>1-4</sub>alkyl)carbamoylC<sub>1-6</sub>alkyl, C<sub>1-6</sub>alkyl, C<sub>1-6</sub>alkyl, C<sub>1-6</sub>alkyl, C<sub>1-6</sub>fluoroalkylsulphonyl, oxo, hydroxy, halogeno, cyano, C<sub>1-4</sub>cyanoalkyl, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxycarbonyl, C<sub>1-4</sub>alkoxyc<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxycarbonyl, C<sub>1-4</sub>alkoxy, C<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkyl)amino, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkoxy, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkoxy, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkoxy and a group -(-O-)<sub>1</sub>(C<sub>1-4</sub>alkyl)<sub>g</sub>ringD (wherein f is 0 or 1, g is 0

30 or 1 and ring D is a 5-6-membered saturated or partially unsaturated heterocyclic group with
1-2 heteroatoms, selected independently from O, S and N, which heterocyclic group may bear

one or more substituents selected from C<sub>1-4</sub>alkyl); with the proviso that one or both of Q<sup>15</sup> and Q<sup>16n</sup> must be a 5-6-membered heterocyclic group as defined herein which heterocyclic group bears either one substituent selected from methylenedioxy or ethylenedioxy to form a bicyclic ring, or bears at least one substituent selected from C<sub>2-4</sub>alkanoylC<sub>1-3</sub>alkyl and optionally bears 1 or 2 further substituents selected from those defined herein:

and additionally wherein any  $C_{1-5}$ alky1,  $C_{2-5}$ alkeny1 or  $C_{2-5}$ alkynyl group in  $Q^1X^1$ - which is linked to  $X^1$  may bear one or more substituents selected from hydroxy, halogeno and amino).

7. A compound according to claim 5 wherein one of  $R^{2a}$  and  $R^{2b}$  is methoxy and the other 10 is  $Q^1X^1$  wherein  $X^1$  is -O- and  $Q^1$  is

C<sub>1-4</sub>alkyl-Q<sup>13</sup>-C(O)-C<sub>1-4</sub>alkyl-Q<sup>14</sup> wherein Q<sup>13</sup> and Q<sup>14</sup> are each independently selected from pyrrolidinyl, piperidinyl, piperazinyl,

wherein  $Q^{14}$  is linked to  $C_{1-6}$ alkanoyl through a nitrogen atom.

15

8. A compound according to claim 5 wherein one of  $R^{2a}$  and  $R^{2b}$  is methoxy and the other is  $Q^1X^1$  wherein  $X^1$  is -O- and  $Q^1$  is selected from one of the following groups:

1)  $Q^2$  (wherein  $Q^2$  is a 5-6-membered heterocyclic group selected from pyrrolidinyl, piperidinyl, piperazinyl,

which heterocyclic group bears either one substituent selected from methylenedioxy or ethylenedioxy to form a bicyclic ring, or bears one substituent selected from C<sub>2-4</sub>alkanoylC<sub>1-3</sub>alkyl; and

2) C<sub>1-5</sub>alkylQ<sup>2</sup> (wherein Q<sup>2</sup> is as defined herein).

25

20

- 9. A compound according to claim 7 or claim 8 wherein R<sup>2a</sup> is methoxy.
- 10. A compound according to claim 1 selected from:

- 7-{[1-(acetylmethyl)piperidin-4-yl]methoxy}-6-methoxy-4-[(3-methyl-1*H*-indol-5-yl)oxy]quinazoline,
- 7-{[1-(acetylmethyl)piperidin-4-yl]methoxy}-6-methoxy-4-[(2-methyl-1*H*-indol-6-yl)oxy]quinazoline,
- 5 7-{[1-(acetylmethyl)piperidin-4-yl]methoxy}-6-methoxy-4-[(2-methyl-1*H*-indol-5-yl)oxy]quinazoline,
  - 6-methoxy-4-[(3-methyl-1*H*-indol-5-yl)oxy]-7-{[1-(pyrrolidin-1-ylacetyl)piperidin-4-yl]methoxy}quinazoline,
  - 6-methoxy-4-[(2-methyl-1H-indol-6-yl)oxy]-7-{[1-(pyrrolidin-1-ylacetyl)piperidin-4-
- 10 yl]methoxy}quinazoline,
  - 6-methoxy-4-[(2-methyl-1*H*-indol-5-yl)oxy]-7-{[1-(pyrrolidin-1-ylacetyl)piperidin-4-yl]methoxy}quinazoline,
  - 6-methoxy-4-[(2-methyl-1H-indol-5-yl)oxy]-7-[2-(tetrahydro-5H-[1,3]dioxolo[4,5-c]pyrrol-5-yl)ethoxy]quinazoline,
- 15 6-methoxy-4-[(3-methyl-1*H*-indol-5-yl)oxy]-7-[2-(tetrahydro-5*H*-[1,3]dioxolo[4,5-*c*]pyrrol-5-yl)ethoxy]quinazoline,
  - 4-[(2,3-dimethyl-1H-indol-5-yl) oxy]-6-methoxy-7-[2-(tetrahydro-5H-[1,3]dioxolo[4,5-c]pyrrol-5-yl)ethoxy]quinazoline,
  - 4-[(4-fluoro-2-methyl-1*H*-indol-5-yl)oxy]-6-methoxy-7-[2-(tetrahydro-5*H*-[1,3]dioxolo[4,5-
- 20 c]pyrrol-5-yl)ethoxy]quinazoline,
  - 7-{2-[4-(acetylmethyl)piperazin-1-yl]ethoxy}-4-[(2,3-dimethyl-1*H*-indol-5-yl)oxy]-6-methoxyquinazoline,
  - 7-{2-[4-(acetylmethyl)piperazin-1-yl]ethoxy}-6-methoxy-4-[(3-methyl-1*H*-indol-5-yl)oxy]quinazoline,
- 25 7-{2-[4-(acetylmethyl)piperazin-1-yl]ethoxy}-6-methoxy-4-[(2-methyl-1*H*-indol-5-yl)oxy]quinazoline,
  - 7-{2-[4-(acetylmethyl)piperazin-1-yl]ethoxy}-4-[(4-fluoro-2-methyl-1*H*-indol-5-yl)oxy]-6-methoxyquinazoline,
  - $6-methoxy-4-[(2-methyl-1 H-indol-5-yl)oxy]-7-\{2-[4-(pyrrolidin-1-ylacetyl)piperazin-1-ylacetyl$
- 30 yl]ethoxy}quinazoline,
  - 7-{[1-(acetylmethyl)piperidin-4-yl]oxy}-6-methoxy-4-[(2-methyl-1*H*-indol-6-yl)oxy]quinazoline,

7-{[1-(acetylmethyl)piperidin-4-yl]oxy}-6-methoxy-4-[(2-methyl-1*H*-indol-5-yl)oxy]quinazoline,

- 7-{[1-(acetylmethyl)piperidin-4-yl]oxy}-4-[(4-fluoro-2-methyl-1*H*-indol-5-yl)oxy]-6-methoxyquinazoline,
- 5 or a salt thereof.
  - 11. A compound according to claim 1 selected from:
  - 4-[(4-fluoro-2-methyl-1H-indol-5-yl)oxy]-6-methoxy-7-[2-(tetrahydro-5H-[1,3]dioxolo[4,5-c]pyrrol-5-yl)ethoxy]quinazoline,
- 10 7-{2-[4-(acetylmethyl)piperazin-1-yl]ethoxy}-6-methoxy-4-[(2-methyl-1*H*-indol-5-yl)oxy]quinazoline,
  - $7-\{2-[4-(acetylmethyl)piperazin-1-yl]ethoxy\}-4-[(4-fluoro-2-methyl-1H-indol-5-yl)oxy]-6-methoxyquinazoline,$

or a salt thereof.

15

- 12. A compound according to any one of the preceding claims in the form of a pharmaceutically acceptable salt.
- 13. A process for the preparation of a compound according to claim 1 of the formula I or 20 salt thereof which comprises:
  - (a) the reaction of a compound of the formula III:

25

$$(R^2)_m$$
 $N$ 
 $H$ 

**(III)** 

30 (wherein R<sup>2</sup> and m are as defined in claim 1 and L<sup>1</sup> is a displaceable moiety), with a compound of the formula IV:

(IV)

(wherein ring C, R<sup>1</sup>, Z and n are as defined in claim 1) optionally followed by the addition of a 5 substituent on a heterocyclic ring of R<sup>1</sup> or R<sup>2</sup>;

for compounds of formula I and salts thereof wherein at least one  $R^2$  is  $R^5X^1$  or (b)  $Q^1X^1$  wherein  $R^5$  and  $Q^1$  are as defined in claim 1, and  $X^1$  is -O-, -S-, -OC(O)- or -NR<sup>10</sup>-(wherein R<sup>10</sup> independently represents hydrogen, C<sub>1-3</sub>alkyl or C<sub>1-3</sub>alkoxyC<sub>2-3</sub>alkyl) the reaction of a compound of the formula V:

10

$$(R^{2})_{s}$$

$$HX^{1}$$

$$H$$

$$H$$

$$H$$

$$H$$

15

20

(V)

(wherein ring C, Z, R<sup>1</sup>, R<sup>2</sup> and n are as defined in claim 1 and X<sup>1</sup> is as defined in this section and s is an integer from 0 to 2) with one of the compounds of the formulae VIa-b:

(VIa)

(VIb)

 $O^1-L^1$ 

(wherein R<sup>5</sup> and Q<sup>1</sup> are as defined in claim 1 and L<sup>1</sup> is as defined herein);

- for compounds of the formula I and salts thereof wherein at least one  $R^2$  is  $R^5X^1$  or (c) Q<sup>1</sup>X<sup>1</sup> wherein R<sup>5</sup> and Q<sup>1</sup> are as defined in claim 1, and X<sup>1</sup> is -O-, -S-, -OC(O)- or -NR<sup>10</sup>-(wherein R<sup>10</sup> represents hydrogen, C<sub>1-3</sub>alkyl or C<sub>1-3</sub>alkoxyC<sub>2-3</sub>alkyl) the reaction of a
- 25 compound of the formula VII:

5

$$(R^2)_s \xrightarrow{Z} C \xrightarrow{(R^1)_n} N \xrightarrow{H}$$

(VII)

with one of the compounds of the formulae VIIIa-b:

$$R^5-X^1-H$$
 (VIIIa)  
 $Q^1-X^1-H$  (VIIIb)

10  $Q^1-X^1-H$  (VIIIb) (wherein  $R^1$ ,  $R^2$ ,  $R^5$ ,  $Q^1$ , ring C, Z and n are as defined in claim 1,  $L^1$  and s are as defined

- herein and  $X^1$  is as defined in this section; (d) for compounds of the formula I and salts thereof wherein at least one  $R^2$  is  $R^5X^1$  or
- $Q^1X^1$  wherein  $X^1$  is as defined in claim 1,  $R^5$  is  $C_{1.5}$ alkyl $R^{113}$ , wherein  $R^{113}$  is selected from one of the following nine groups:
  - 1)  $X^{19}C_{1-3}$ alkyl (wherein  $X^{19}$  represents -O-, -S-, -SO<sub>2</sub>-, -NR<sup>114</sup>C(O)- or -NR<sup>115</sup>SO<sub>2</sub>- (wherein R<sup>114</sup> and R<sup>115</sup> which may be the same or different are each hydrogen, C<sub>1-3</sub>alkyl or C<sub>1-3</sub>alkyl);
  - 2) NR<sup>116</sup>R<sup>117</sup> (wherein R<sup>116</sup> and R<sup>117</sup> which may be the same or different are each hydrogen,
- 20  $C_{1-3}$ alkyl or  $C_{1-3}$ alkoxy $C_{2-3}$ alkyl);
  - 3)  $X^{20}C_{1-5}alkylX^5R^{22}$  (wherein  $X^{20}$  represents -O-, -S-, -SO<sub>2</sub>-, -NR<sup>118</sup>C(O)-, -NR<sup>119</sup>SO<sub>2</sub>- or -NR<sup>120</sup>- (wherein R<sup>118</sup>, R<sup>119</sup>, and R<sup>120</sup> which may be the same or different are each hydrogen,  $C_{1-3}alkyl$  or  $C_{1-3}alkoxyC_{2-3}alkyl$ ) and  $X^5$  and  $R^{22}$  are as defined in claim 1);
  - 4) R<sup>28</sup> (wherein R<sup>28</sup> is as defined in claim 1);
- 25 5) X<sup>21</sup>R<sup>29</sup> (wherein X<sup>21</sup> represents -O-, -S-, -SO<sub>2</sub>-, -NR<sup>121</sup>C(O)-, -NR<sup>122</sup>SO<sub>2</sub>-, or -NR<sup>123</sup>- (wherein R<sup>121</sup>, R<sup>122</sup>, and R<sup>123</sup> which may be the same or different are each hydrogen, C<sub>1-3</sub>alkyl or C<sub>1-3</sub>alkoxyC<sub>2-3</sub>alkyl) and R<sup>29</sup> is as defined in claim 1);
  - 6)  $X^{22}C_{1-3}$ alkyl $R^{29}$  (wherein  $X^{22}$  represents -O-, -S-, -SO<sub>2</sub>-, -NR<sup>124</sup>C(O)-, -NR<sup>125</sup>SO<sub>2</sub>- or -NR<sup>126</sup>- (wherein R<sup>124</sup>, R<sup>125</sup> and R<sup>126</sup> each independently represents hydrogen,  $C_{1-3}$ alkyl or  $C_{1-3}$
- 30 3alkoxyC<sub>2-3</sub>alkyl) and R<sup>29</sup> is as defined in claim 1);
  - 7) R<sup>29</sup> (wherein R<sup>29</sup> is as defined in claim 1);
  - 8) X<sup>22</sup>C<sub>1-4</sub>alkylR<sup>28</sup> (wherein X<sup>22</sup> and R<sup>28</sup> are as defined in claim 1); and
  - 9)  $R^{54}(C_{1-4}alkyl)_q(X^9)_rR^{55}$  (wherein q, r,  $X^9$ ,  $R^{54}$  and  $R^{55}$  are as defined in claim 1);

 $Q^1$  is  $C_{1.5}$ alkyl $Q^{27}$  wherein  $Q^{27}$  is selected from one of the following six groups:

- 1) Q<sup>13</sup>-C(O)-C<sub>1-4</sub>alkylQ<sup>14</sup> (wherein Q<sup>13</sup> and Q<sup>14</sup> are as defined in claim 1);
- 2) W<sup>1</sup>Q<sup>2</sup> (wherein W<sup>1</sup> and Q<sup>2</sup> are as defined in claim 1);
- 3) Q<sup>2</sup> (wherein Q<sup>2</sup> is as defined in claim 1);
- 5 4) W<sup>2</sup>C<sub>1-4</sub>alkylQ<sup>2</sup> (wherein W<sup>2</sup> and Q<sup>2</sup> are as defined in claim 1);
  - 5) Q<sup>15</sup>(C<sub>1-4</sub>alkyl)<sub>j</sub>(W<sup>2</sup>)<sub>k</sub>Q<sup>16</sup> (wherein W<sup>2</sup>, j, k, Q<sup>15</sup> and Q<sup>16</sup> are as defined in claim 1);
  - 6) Q<sup>15</sup>C<sub>1-4</sub>alkanoylQ<sup>16n</sup> (wherein Q<sup>15</sup> and Q<sup>16n</sup> are as defined in claim 1); the reaction of a compound of the formula IX:

10

$$(R^2)_s$$
 $L^1$ - $C_{1.5}$ alkyl- $X^1$ 
 $H$ 
 $(R^1)_n$ 
 $N$ 
 $H$ 

15

(IX)

(wherein  $X^1$ ,  $R^1$ ,  $R^2$ , ring C, Z and n are as defined in claim 1 and  $L^1$  and s are as defined herein) with one of the compounds of the formulae Xa-b:

$$R^{113}-H (Xa)$$

20

$$O^{27}$$
-H

(Xb)

(wherein  $R^{113}$  and  $Q^{27}$  are as defined herein) optionally followed by the addition of a substituent on a heterocyclic ring of  $R^1$  or  $R^2$ :

and when a salt of a compound of formula I is required, reaction of the compound obtained with an acid or base whereby to obtain the desired salt.

25

- 14. A pharmaceutical composition which comprises a compound of the formula I as defined in claim 1 or a pharmaceutically acceptable salt thereof, in association with a pharmaceutically acceptable excipient or carrier.
- 30 15. Use of a compound of the formula I as defined in claim 1 or a pharmaceutically acceptable salt thereof in the manufacture of a medicament for use in the production of an antiangiogenic and/or vascular permeability reducing effect in a warm-blooded animal.

5

16. A method for producing an antiangiogenic and/or vascular permeability reducing effect in a warm-blooded animal, such as a human being, in need of such treatment which comprises administering to said animal an effective amount of a compound of formula I as defined in claim 1 or a pharmaceutically acceptable salt thereof.